

104 374

From: Slobodyansky, Elizabeth  
Sent: Tuesday, September 23, 2003 7:07 PM  
To: STIC-Biotech/ChemLib  
Subject: 09/724,126

RECEIVED

SEP 24 2003

TECH/CHEM. DIVISION  
(STIC)

Please search for case 09/724,126:

ES

SEQ ID NOS: 1, 18 and 19 against commercial and ~~interference~~ databases.

Thank you.

*Elizabeth Slobodyansky, PhD*

Primary Examiner

Art Unit 1652  
CM1 10D11  
703-306-3222

mail box 10D01

Edward Hart  
Technical Info. Specialist  
STIC/Biotech  
CMI 6B02 Tel: 305-9203

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: *9/26/03*  
Date Completed: *9/26/03*  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:  
NA Sequences: *Q*  
AA Sequences: *7*  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST (where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: *DB/102*  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_

## WEST Search History

DATE: Friday, September 26, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
result set			
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L3	L2 with (DNA or gen\$ or nucle\$)	21	L3
L2	L1 with human	47	L2
L1	(e3 with ubiquitin) or ubr1	235	L1

END OF SEARCH HISTORY

## WEST

Your wildcard search against 10000 terms has yielded the results below.

*Your result set for the last L# is incomplete.*

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Generate Collection](#)

[Print](#)

**Search Results - Record(s) 1 through 10 of 21 returned.**

1. Document ID: US 20030166587 A1

L3: Entry 1 of 21

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166587

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030166587 A1

TITLE: Compounds and methods for modulating activation of NF- $\kappa$ B

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Manning, Anthony M.	Lake St. Louis	MO	US	
Mercurio, Frank	San Diego	CA	US	
Amit, Sharon	Beer-Sheba		IL	
Ben-Neriah, Yinon	Zion		IL	
Davis, Matti	Jerusalem		IL	
Hatzubai, Ada	Kibutz Palmah-Zova		IL	
Yaron, Avraham	Jerusalem		IL	
Alkalay, Irit	Jerusalem		IL	
Ciechanover, Aaron	Haifa		IL	

US-CL-CURRENT: 514/44; 424/94.63, 435/226, 435/320.1, 435/325, 435/69:1, 536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

2. Document ID: US 20030162237 A1

L3: Entry 2 of 21

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162237

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162237 A1

TITLE: Methods of monitoring enzyme activity

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Griffiths, Gary	Dundee		GB	

US-CL-CURRENT: 435/7.92; 435/6[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RMC](#) | [Draw Desc](#) | [Image](#)**□ 3. Document ID: US 20030134809 A1**

L3: Entry 3 of 21

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134809

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134809 A1

TITLE: Antisense modulation of ABC transporter MHC 1 expression

PUBLICATION-DATE: July 17, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Borchers, Alexander H.	Encinitas	CA	US	
Ward, Donna T.	Murrieta	CA	US	
Freier, Susan M.	San Diego	CA	US	

US-CL-CURRENT: 514/44; 435/375, 435/6, 536/23.5[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RMC](#) | [Draw Desc](#) | [Image](#)**□ 4. Document ID: US 20030100037 A1**

L3: Entry 4 of 21

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100037

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100037 A1

TITLE: Chemical modification

PUBLICATION-DATE: May 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Colyer, John	Leeds		GB	
Woolfson, Derek N.	Brighton		GB	
Lightowler, Joanne	York		GB	

US-CL-CURRENT: 435/7.92[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [RMC](#) | [Draw Desc](#) | [Image](#)**□ 5. Document ID: US 20030079235 A1**

L3: Entry 5 of 21

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030079235

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030079235 A1

TITLE: Assay for measuring enzyme activity in vivo

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Craig, Roger Kingdon	Smallwood		GB	
Green, Simon	Invergowrie		GB	
Colyer, John	Bardsey		GB	

US-CL-CURRENT: 800/3; 424/9.6, 435/6

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KOMC](#) [Drawn Desc](#) [Image](#)

---

6. Document ID: US 20030027220 A1

L3: Entry 6 of 21

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027220  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030027220 A1

TITLE: Chemical modification

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Colver, John	Leeds		GB	
Woolfson, Derek N.	Brighton		GB	
Lightowler, Joanne	York		GB	

US-CL-CURRENT: 435/7.9; 530/391.1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KOMC](#) [Drawn Desc](#) [Image](#)

---

7. Document ID: US 20020197606 A1

L3: Entry 7 of 21

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020197606  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020197606 A1

TITLE: Compositions and methods for monitoring the modification of modification dependent binding partner polypeptides

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Craig, Roger	Smallwood		GB	

US-CL-CURRENT: 435/6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**8. Document ID: US 20020194627 A1**

L3: Entry 8 of 21

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020194627

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020194627 A1

TITLE: Transgenic mice containing ubiquitin protein ligase E3 gene disruptions

PUBLICATION-DATE: December 19, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Levitin, Michael W.	Palo Alto	CA	US	

US-CL-CURRENT: 800/8; 435/226, 435/320.1, 435/354, 435/455, 435/69.1, 536/23.2[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**9. Document ID: US 20020106689 A1**

L3: Entry 9 of 21

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106689 A1

TITLE: METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASE

PUBLICATION-DATE: August 8, 2002

## INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
FAUSTMAN, DENISE	WESTON	MA	US	
HAYASHI, TAKUMA	CAMBRIDGE	MA	US	

US-CL-CURRENT: 435/7.1; 436/506[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)**10. Document ID: US 20020045192 A1**

L3: Entry 10 of 21

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045192

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045192 A1

TITLE: Arf and HDM2 interaction domains and methods of use thereof

PUBLICATION-DATE: April 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kriwacki, Richard	Memphis	TN	US	
Bothner, Brian	Memphis	TN	US	
Lewis, William	Memphis	TN	US	

US-CL-CURRENT: 435/7.1; 514/1, 702/19[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [ICMC](#) | [Create Desc](#) | [Image](#)[Generate Collection](#)[Print](#)

Terms	Documents
L2 with (DNA or gen\$ or nucle\$)	21

**Display Format:**  - [Change Format](#)[Previous Page](#)    [Next Page](#)

## WEST

Your wildcard search against 10000 terms has yielded the results below.

*Your result set for the last L# is incomplete.*

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Generate Collection](#)

[Print](#)

**Search Results - Record(s) 11 through 20 of 21 returned.**

11. Document ID: US 20020019002 A1

L3: Entry 11 of 21

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019002

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020019002 A1

TITLE: Methods of monitoring enzyme activity

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Griffiths, Gary	Oldham		GB	

US-CL-CURRENT: 435/6

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

12. Document ID: US 6617171 B2

L3: Entry 12 of 21

File: USPT

Sep 9, 2003

US-PAT-NO: 6617171

DOCUMENT-IDENTIFIER: US 6617171 B2

TITLE: Methods for diagnosing and treating autoimmune disease

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

13. Document ID: US 6465199 B1

L3: Entry 13 of 21

File: USPT

Oct 15, 2002

US-PAT-NO: 6465199

DOCUMENT-IDENTIFIER: US 6465199 B1

TITLE: Compositions and methods for monitoring the modification of natural binding partners

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

---

**□ 14. Document ID: US 6407062 B1**

L3: Entry 14 of 21

File: USPT

Jun 18, 2002

US-PAT-NO: 6407062

DOCUMENT-IDENTIFIER: US 6407062 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: ARF-P19, a novel regulator of the mammalian cell cycle

---

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

---

**□ 15. Document ID: US 6159732 A**

L3: Entry 15 of 21

File: USPT

Dec 12, 2000

US-PAT-NO: 6159732

DOCUMENT-IDENTIFIER: US 6159732 A

TITLE: Nucleic acid encoding mammalian Ubrl

---

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

---

**□ 16. Document ID: US 6087122 A**

L3: Entry 16 of 21

File: USPT

Jul 11, 2000

US-PAT-NO: 6087122

DOCUMENT-IDENTIFIER: US 6087122 A

TITLE: Human E3 ubiquitin protein ligase

---

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

---

**□ 17. Document ID: US 5976849 A**

L3: Entry 17 of 21

File: USPT

Nov 2, 1999

US-PAT-NO: 5976849

DOCUMENT-IDENTIFIER: US 5976849 A

TITLE: Human E3 ubiquitin protein ligase

---

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

---

**□ 18. Document ID: US 5861312 A**

L3: Entry 18 of 21

File: USPT

Jan 19, 1999

US-PAT-NO: 5861312

DOCUMENT-IDENTIFIER: US 5861312 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Nucleic acid encoding mammalian UBR1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[POMC](#) | [Print Desc](#) | [Image](#)

19. Document ID: AU 200239539 A WO 200245495 A2

L3: Entry 19 of 21

File: DWPI

Jun 18, 2002

DERWENT-ACC-NO: 2002-547740

DERWENT-WEEK: 200262

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Transgenic animal useful for identifying agents that ameliorate a phenotype associated with a disruption in target genes, comprising a disruption in target genes e.g. CHD2-like gene, TDCDF1 gene or E3-like gene

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[POMC](#) | [Print Desc](#) | [Image](#)

20. Document ID: WO 200224878 A2 AU 200221624 A

L3: Entry 20 of 21

File: DWPI

Mar 28, 2002

DERWENT-ACC-NO: 2002-383186

DERWENT-WEEK: 200252

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Novel human E3 ubiquitin protein ligase-like enzymes, regulators of which are useful for preventing and treating cancer, Parkinson's disease, Angleman syndrome and Alzheimer's disease

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[POMC](#) | [Print Desc](#) | [Image](#)

[Generate Collection](#)

[Print](#)

Terms	Documents
L2 with (DNA or gen\$ or nucle\$)	21

Display Format:

[Previous Page](#) [Next Page](#)

## WEST

Your wildcard search against 10000 terms has yielded the results below.

***Your result set for the last L# is incomplete.***

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Generate Collection](#)

[Print](#)

**Search Results - Record(s) 21 through 21 of 21 returned.**

21. Document ID: WO 9940201 A1 JP 2002502610 W US 5976849 A AU 9924341 A US 6087122 A EP 1053332 A1

L3: Entry 21 of 21

File: DWPI

Aug 12, 1999

DERWENT-ACC-NO: 1999-508506

DERWENT-WEEK: 200211

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: New human proteolytic accessory enzyme and its modulators useful for treating disease conditions like inflammation or autoimmune diseases

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[Word](#) [Print Desc](#) [Image](#)

[Generate Collection](#)

[Print](#)

**Terms**

**Documents**

L2 with (DNA or gen\$ or nucle\$)

21

**Display Format:**  [Change Format](#)

[Previous Page](#) [Next Page](#)

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspta1800exs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAplus records now contain indexing from 1907 to the present  
NEWS 4 Jul 15 Data from 1960-1976 added to RDISCLOSURE  
NEWS 5 Jul 21 Identification of STN records implemented  
NEWS 6 Jul 21 Polymer class term count added to REGISTRY  
NEWS 7 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available  
NEWS 8 AUG 05 New pricing for EUROPATFULL and PCTFULL effective August 1, 2003  
NEWS 9 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
NEWS 10 AUG 15 PATDPAFULL: one FREE connect hour, per account, in September 2003  
NEWS 11 AUG 15 PCTGEN: one FREE connect hour, per account, in September 2003  
NEWS 12 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in September 2003  
NEWS 13 AUG 15 TEMA: one FREE connect hour, per account, in September 2003  
NEWS 14 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 15 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 16 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation  
NEWS 17 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 18 SEP 22 DIPPR file reloaded  
NEWS 19 SEP 25 INPADOC: Legal Status data to be reloaded  
  
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:49:12 ON 26 SEP 2003

=> fil .eliz

COST IN U.S. DOLLARS

SINCE FILE

**TOTAL**

ENTRY  
0.63

SECTION  
0.63

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 13:50:45 ON 26 SEP 2003

FILE 'SCISEARCH' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT 2003 THOMSON ISI

FILE 'LIFESCI' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'BIOTECHDS' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOSIS' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'EMBASE' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 Elsevier Inc. All rights reserved.

FILE 'HCAPLUS' ENTERED AT 13:50:45 ON 26 SEP 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 13:50:45 ON 26 SEP 2003  
Compiled and distributed by the NTIS, U.S. Department of Commerce.  
It contains copyrighted material.  
All rights reserved. (2003)

FILE 'ESBIOBASE' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'BIOTECHNO' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'WPIDS' ENTERED AT 13:50:45 ON 26 SEP 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

=> s e3 (3a) ubiquitin  
'E3' NOT FOUND  
The E# entered is not currently defined.

=> s e3a (3a) ubiquitin  
L1 28 E3A (3A) UBIQUITIN

=> dup rem 11  
PROCESSING COMPLETED FOR L1  
L2 12 DUP REM L1 (16 DUPLICATES REMOVED)

=> d 1-12

L2 ANSWER 1 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN  
AN 2003:323188 HCAPLUS  
DN 139:63234  
TI Nicotine Modulates the Expression of a Diverse Set of Genes in the  
Neuronal SH-SY5Y Cell Line  
AU Dunckley, Travis; Lukas, Ronald J.  
CS Division of Neurobiology, Barrow Neurological Institute, Phoenix, AZ,  
85013, USA  
SO Journal of Biological Chemistry (2003), 278(18), 15633-15640  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 12 MEDLINE on STN  
AN 2003105513 MEDLINE  
DN 22505464 PubMed ID: 12619117  
TI The role of TP53 in Cervical carcinogenesis.  
AU Tommasino Massimo; Accardi Rosita; Caldeira Sandra; Dong Wen; Malanchi Ilaria; Smet Anouk; Zehbe Ingeborg  
CS Angewandte Tumorvirologie, Deutsches Krebsforschungszentrum, INF 242, Heidelberg, Germany.. tommasino@iarc.fr  
SO HUMAN MUTATION, (2003 Mar) 21 (3) 307-12. Ref: 54  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
OS OMIM-191170  
EM 200303  
ED Entered STN: 20030306  
Last Updated on STN: 20030325  
Entered Medline: 20030324

L2 ANSWER 3 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2003:235784 SCISEARCH  
GA The Genuine Article (R) Number: 654CA  
TI The role of TP53 in cervical carcinogenesis  
AU Tommasino M (Reprint); Accardi R; Caldeira S; Dong W; Malanchi E; Smet A; Zehbe I  
CS Int Agcy Res Canc, WHO, Unit Infect & Canc, 150 Cours Albert Thomas, F-69372 Lyon 08, France (Reprint); Deutsch Krebsforschungszentrum, INF 242, D-6900 Heidelberg, Germany  
CYA France; Germany  
SO HUMAN MUTATION, (MAR 2003) Vol. 21, No. 3, pp. 307-312.  
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012 USA.  
ISSN: 1059-7794.  
DT General Review; Journal  
LA English  
REC Reference Count: 54  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 4 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN  
AN 2003:177320 HCAPLUS  
DN 138:335214  
TI Angelman syndrome: A review of the clinical and genetic aspects  
AU Clayton-Smith, J.; Laan, L.  
CS Academic Department of Medical Genetics, St Mary's Hospital, Manchester, M13 0JH, UK  
SO Journal of Medical Genetics (2003), 40(2), 87-95  
CODEN: JMDGAE; ISSN: 0022-2593  
PB BMJ Publishing Group  
DT Journal; General Review  
LA English  
RE.CNT 83 THERE ARE 83 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 12 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2003-14213 BIOTECHDS  
TI New isolated FMS-related tyrosine kinase-4 protein complex, useful for diagnosing, treating and preventing disorders associated with FLT4, such as cancer, diabetes, asthma, atherosclerosis, infectious diseases and hypertension;  
involving vector-mediated gene transfer and expression in yeast cell for use in Alzheimer disease, inflammatory disorder, obesity, tissue ischemia, peripheral vascular disease, neurodegenerative disorder, vulnerability and lymphedema prevention and therapy  
AU SUGIYAMA J

PA MYRIAD GENETICS INC  
PI US 2002197691 26 Dec 2002  
AI US 2002-135802 29 Apr 2002  
PRAI US 2002-135802 29 Apr 2002; US 2001-287513 30 Apr 2001  
DT Patent  
LA English  
OS WPI: 2003-341113 [32]

L2 ANSWER 6 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN  
AN 2003:3513 HCAPLUS  
DN 138:185313  
TI Congenital dyserythropoietic anemia type I is caused by mutations in codanin-1  
AU Dgany, Orly; Avidan, Nili; Delaunay, Jean; Krasnov, Tatyana; Shalmon, Lea; Shalev, Hanna; Eidelitz-Markus, Tal; Kapelushnik, Joseph; Cattan, Daniel; Pariente, Alexandre; Tulliez, Michel; Cretien, Aurore; Schischmanoff, Pierre-Olivier; Iolascon, Achille; Fibach, Ethan; Koren, Ariel; Rossler, Jochen; Le Merrer, Martine; Yaniv, Isaac; Zaizov, Rina; Ben-Asher, Edna; Olender, Tsvyia; Lancet, Doron; Beckmann, Jacques S.; Tamary, Hannah  
CS Pediatric Hematology Laboratory, Felsenstein Research Center, Rabin Medical Center, Schneider Children's Medical Center of Israel, Petah Tikva, 49202, Israel  
SO American Journal of Human Genetics (2002), 71(6), 1467-1474  
CODEN: AJHGAG; ISSN: 0002-9297  
PB University of Chicago Press  
DT Journal  
LA English  
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 12 MEDLINE on STN DUPLICATE 3  
AN 2002452900 MEDLINE  
DN 22197096 PubMed ID: 12207887  
TI VCY2 protein interacts with the HECT domain of **ubiquitin-protein ligase E3A**.  
AU Wong Elaine Y M; Tse Jenny Y M; Yao Kwok-Ming; Tam Po-Chor; Yeung William S B  
CS Department of Obstetrics and Gynaecology, The University of Hong Kong, 7/F Laboratory Block, Faculty of Medicine Building, 21 Sassoon Road, Pokfulam Road, Hong Kong.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 Sep 6) 296 (5) 1104-11.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200210  
ED Entered STN: 20020906  
Last Updated on STN: 20030304  
Entered Medline: 20021024

L2 ANSWER 8 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2002:495623 SCISEARCH  
GA The Genuine Article (R) Number: 560GL  
TI Dantrolene downregulates the gene expression and activity of the ubiquitin-proteasome proteolytic pathway in septic skeletal muscle  
AU Wray C J; Sun X Y; Gang G I; Hasselgren P O (Reprint)  
CS Univ Cincinnati, Dept Surg, 231 Albert Sabin Way, Cincinnati, OH 45267 USA (Reprint); Univ Cincinnati, Dept Surg, Cincinnati, OH 45267 USA; Shriners Hosp Children, Cincinnati, OH 45229 USA  
CYA USA  
SO JOURNAL OF SURGICAL RESEARCH, (15 MAY 2002) Vol. 104, No. 2, pp. 82-87.  
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.  
ISSN: 0022-4804.  
DT Article; Journal  
LA English

REC Reference Count: 30  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 9 OF 12 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2002-05654 BIOTECHDS  
TI Novel genetic variants of **ubiquitin** protein ligase **E3A**  
gene useful in studying expression and function of the protein, and for  
screening drugs to treat diseases e.g. Angelman syndrome;  
recombinant protein gene production via plasmid expression in host  
cell useful in gene therapy and drug screening  
AU DUDA A; KLIEM S E; KOSHY B; SAUSKER E A  
PA GENAISANCE PHARM INC  
PI WO 2001092582 6 Dec 2001  
AI WO 2000-US17994 1 Jun 2000  
PRAI US 2000-208539 1 Jun 2000  
DT Patent  
LA English  
OS WPI: 2002-130535 [17]

L2 ANSWER 10 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2001:869063 SCISEARCH  
GA The Genuine Article (R) Number: 485XR  
TI Kinetic analysis of the conjugation of ubiquitin to picornavirus 3C  
proteases catalyzed by the mammalian ubiquitin-protein ligase E3 alpha  
AU Lawson T G (Reprint); Sweep M E; Schlax P E; Bohnsack R N; Haas A L  
CS Bates Coll, Dept Chem, Lewiston, ME 04240 USA (Reprint); Med Coll  
Wisconsin, Dept Biochem, Milwaukee, WI 53226 USA  
CYA USA  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (26 OCT 2001) Vol. 276, No. 43, pp.  
39629-39637.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814 USA.  
ISSN: 0021-9258.  
DT Article; Journal  
LA English  
REC Reference Count: 35  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 11 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:690293 HCAPLUS  
DN 136:230155  
TI The cause of Angelman syndrome the new look on the mechanism of genomic  
imprinting  
AU Borg, Katarzyna; Szpecht-Potocka, Agnieszka  
CS Zaklad Genet. Med., Inst. Matki Dziecka, Warsaw, 01-211, Pol.  
SO Postepy Biochemii (2001), 47(1), 98-104  
CODEN: PSTBAH; ISSN: 0032-5422  
PB Polskie Towarzystwo Biochemiczne  
DT Journal; General Review  
LA Polish

L2 ANSWER 12 OF 12 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:109928 BIOSIS  
DN PREV199800109928  
TI The AS candidate gene UBE3A/E6-AP is imprinted in brain.  
AU Rougeulle, Claire; Glatt, Heather; Lalande, Marc  
CS Genetics Div., Children's Hosp., Boston, MA 02115 USA  
SO American Journal of Human Genetics, (Oct., 1997) Vol. 61, No. 4 SUPPL.,  
pp. A3.  
Meeting Info.: 47th Annual Meeting of the American Society of Human  
Genetics Baltimore, Maryland, USA October 28-November 1, 1997  
ISSN: 0002-9297.  
DT Conference  
LA English

=> s e3alpha (3a) ubiquitin  
L3 26 E3ALPHA (3A) UBIQUITIN

=> s 13 not 11  
L4 25 L3 NOT L1

=> dup rem 14  
PROCESSING COMPLETED FOR L4  
L5 12 DUP REM L4 (13 DUPLICATES REMOVED)

=> d 1-12

L5 ANSWER 1 OF 12 HCPLUS COPYRIGHT 2003 ACS on STN  
AN 2003:189112 HCPLUS  
DN 138:397799  
TI Protein Interactions within the N-end Rule Ubiquitin Ligation Pathway  
AU Siepmann, Thomas J.; Bohnsack, Richard N.; Tokgoez, Zeynep; Baboshina, Olga V.; Haas, Arthur L.  
CS Department of Biochemistry, Medical College of Wisconsin, Milwaukee, WI, 53226, USA  
SO Journal of Biological Chemistry (2003), 278(11), 9448-9457  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 12 MEDLINE on STN DUPLICATE 1  
AN 2003157108 MEDLINE  
DN 22560464 PubMed ID: 12672461  
TI Sepsis upregulates the gene expression of multiple ubiquitin ligases in skeletal muscle.  
AU Wray Curtis J; Mammen Joshua M V; Hershko Dan D; Hasselgren Per-Olof  
CS Department of Surgery, University of Cincinnati, Cincinnati, OH, USA.  
SO INTERNATIONAL JOURNAL OF BIOCHEMISTRY AND CELL BIOLOGY, (2003 May) 35 (5) 698-705.  
Journal code: 9508482. ISSN: 1357-2725.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200309  
ED Entered STN: 20030404  
Last Updated on STN: 20030909  
Entered Medline: 20030908

L5 ANSWER 3 OF 12 MEDLINE on STN DUPLICATE 2  
AN 2003237482 MEDLINE  
DN 22644779 PubMed ID: 12758177  
TI Signals in hepatitis A virus P3 region proteins recognized by the ubiquitin-mediated proteolytic system.  
AU Losick Vicki P; Schlax Peter E; Emmons Rebecca A; Lawson T Glen  
CS Department of Chemistry, Bates College, Lewiston, ME 04240, USA.  
SO VIROLOGY, (2003 May 10) 309 (2) 306-19.  
Journal code: 0110674. ISSN: 0042-6822.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200307  
ED Entered STN: 20030522  
Last Updated on STN: 20030708  
Entered Medline: 20030707

L5 ANSWER 4 OF 12 MEDLINE on STN DUPLICATE 3  
AN 2002280603 MEDLINE  
DN 22016057 PubMed ID: 12020124  
TI Dantrolene downregulates the gene expression and activity of the ubiquitin-proteasome proteolytic pathway in septic skeletal muscle.

AU Wray Curtis J; Sun Xiaoyan; Yang Gyu I; Hasselgren Per-Olof  
CS Department of Surgery, University of Cincinnati, Ohio 45267-0558, USA.  
NC 1T32GM008478 (NIGMS)  
DK37908 (NIDDK)  
SO JOURNAL OF SURGICAL RESEARCH, (2002 May 15) 104 (2) 82-7.  
Journal code: 0376340. ISSN: 0022-4804.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200206  
ED Entered STN: 20020522  
Last Updated on STN: 20030304  
Entered Medline: 20020627

L5 ANSWER 5 OF 12 MEDLINE on STN DUPLICATE 4  
AN 2001565169 MEDLINE  
DN 21523966 PubMed ID: 11526102  
TI Kinetic analysis of the conjugation of ubiquitin to picornavirus 3C  
proteases catalyzed by the mammalian **ubiquitin**-protein ligase  
**E3alpha**.  
AU Lawson T G; Sweep M E; Schlax P E; Bohnsack R N; Haas A L  
CS Department of Chemistry, Bates College, Lewiston, Maine 04240, USA..  
tlawson@bates.edu  
NC GM 34009 (NIGMS)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Oct 26) 276 (43) 39629-37.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200112  
ED Entered STN: 20011023  
Last Updated on STN: 20030304  
Entered Medline: 20011207

L5 ANSWER 6 OF 12 MEDLINE on STN DUPLICATE 5  
AN 2001640058 MEDLINE  
DN 21548397 PubMed ID: 11689692  
TI Construction and analysis of mouse strains lacking the **ubiquitin**  
ligase UBR1 (**E3alpha**) of the N-end rule pathway.  
AU Kwon Y T; Xia Z; Davydov I V; Lecker S H; Varshavsky A  
CS Division of Biology, California Institute of Technology, Pasadena,  
California 91125, USA.  
NC DK39520 (NIDDK)  
GM31530 (NIGMS)  
SO MOLECULAR AND CELLULAR BIOLOGY, (2001 Dec) 21 (23) 8007-21.  
Journal code: 8109087. ISSN: 0270-7306.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200112  
ED Entered STN: 20011107  
Last Updated on STN: 20021217  
Entered Medline: 20011205

L5 ANSWER 7 OF 12 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:244164 BIOSIS  
DN PREV200100244164  
TI Proteins that interact with UBC-1 in *Caenorhabditis elegans*.  
AU Crowe, Emily (1); Candido, E. Peter (1)  
CS (1) The University of British Columbia, 2146 Health Sciences Mall,  
Vancouver, British Columbia, V6T 1Z3 Canada  
SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A26. print.  
Meeting Info.: Annual Meeting of the Federation of American Societies for  
Experimental Biology on Experimental Biology 2001 Orlando, Florida, USA  
March 31-April 04, 2001

ISSN: 0892-6638.

DT Conference

LA English

SL English

L5 ANSWER 8 OF 12 MEDLINE on STN

DUPLICATE 6

AN 2000133214 MEDLINE

DN 20133214 PubMed ID: 10631091

TI The gene expression of **ubiquitin** ligase **E3alpha** is upregulated in skeletal muscle during sepsis in rats-potential role of glucocorticoids.

AU Fischer D; Sun X; Gang G; Prittis T; Hasselgren P O

CS Department of Surgery, University of Cincinnati, Cincinnati, Ohio 45267, USA.

NC 1T32GM08478 (NIGMS)

DK37908 (NIDDK)

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2000 Jan 19) 267 (2) 504-8.

Journal code: 0372516. ISSN: 0006-291X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200002

ED Entered STN: 20000309

Last Updated on STN: 20030304

Entered Medline: 20000223

L5 ANSWER 9 OF 12 MEDLINE on STN

DUPLICATE 7

AN 1999290318 MEDLINE

DN 99290318 PubMed ID: 10363650

TI Role of the ubiquitin-proteasome pathway in sepsis-induced muscle catabolism.

AU Hasselgren P O

CS Department of Surgery, University of Cincinnati, Ohio 45267-0558, USA..

hasselp@uc.edu

NC DK 37908 (NIDDK)

SO MOLECULAR BIOLOGY REPORTS, (1999 Apr) 26 (1-2) 71-6. Ref: 39

Journal code: 0403234. ISSN: 0301-4851.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 199909

ED Entered STN: 19990925

Last Updated on STN: 20000303

Entered Medline: 19990914

L5 ANSWER 10 OF 12 MEDLINE on STN

DUPLICATE 8

AN 1998411322 MEDLINE

DN 98411322 PubMed ID: 9737984

TI The N-end rule pathway catalyzes a major fraction of the protein degradation in skeletal muscle.

AU Solomon V; Lecker S H; Goldberg A L

CS Department of Cell Biology, Harvard Medical School, Boston, Massachusetts 02115, USA.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Sep 25) 273 (39) 25216-22.

Journal code: 2985121R. ISSN: 0021-9258.

(Investigators: Goldberg A L, Harvard Med Sch, Boston, MA)

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Space Life Sciences

EM 199810

ED Entered STN: 19981021

Last Updated on STN: 19981021

Entered Medline: 19981015

L5 ANSWER 11 OF 12 MEDLINE on STN DUPLICATE 9  
AN 1998445417 MEDLINE  
DN 98445417 PubMed ID: 9770532  
TI Rates of ubiquitin conjugation increase when muscles atrophy, largely through activation of the N-end rule pathway.  
AU Solomon V; Baracos V; Sarraf P; Goldberg A L  
CS Department of Cell Biology, Harvard Medical School, Boston, MA 02115, USA.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Oct 13) 95 (21) 12602-7.  
Journal code: 7505876. ISSN: 0027-8424.  
(Investigators: Goldberg A L, Harvard Med Sch, Boston, MA)  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Space Life Sciences  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 19990106  
Entered Medline: 19981112  
  
L5 ANSWER 12 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 93:289413 SCISEARCH  
GA The Genuine Article (R) Number: LA430  
TI CRYSTAL-STRUCTURE OF A UBIQUITIN-DEPENDENT DEGRADATION SUBSTRATE - A 3-DISULFIDE FORM OF LYSOZYME  
AU HILL C P; JOHNSTON N L; COHEN R E (Reprint)  
CS UNIV CALIF LOS ANGELES, INST MOLEC BIOL, 405 HILGARD AVE, LOS ANGELES, CA, 90024; UNIV CALIF LOS ANGELES, DEPT CHEM & BIOCHEM, LOS ANGELES, CA, 90024  
CYA USA  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (01 MAY 1993) Vol. 90, No. 9, pp. 4136-4140.  
ISSN: 0027-8424.  
DT Article; Journal  
FS LIFE  
LA ENGLISH  
REC Reference Count: 31  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

=> S ubrl  
L6 281 UBR1

=> S 16 95a) human  
MISSING OPERATOR L6 95A  
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> S 16 (5a) human  
L7 16 L6 (5A) HUMAN

=> S 17 not (l1 or l3)  
L8 14 L7 NOT (L1 OR L3)

=> dup rem 18  
PROCESSING COMPLETED FOR L8  
L9 5 DUP REM L8 (9 DUPLICATES REMOVED)

=> d 1-5

L9 ANSWER 1 OF 5 MEDLINE on STN  
AN 2003170906 MEDLINE  
DN 22575321 PubMed ID: 12690258  
TI Ubiquitin-protein ligases in muscle wasting: multiple parallel pathways?.  
AU Lecker Stewart H  
CS Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, Massachusetts 02215, USA.. slecker@caregroup.harvard.edu

SO CURRENT OPINION IN CLINIC NUTRITION AND METABOLIC CARE, (03 May) 6 (3)  
271-5. Ref: 40

CY England: United Kingdom  
Journal code: 9804399. ISSN: 1363-1950.

DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 200307

ED Entered STN: 20030416

Last Updated on STN: 20030719

Entered Medline: 20030718

L9 ANSWER 2 OF 5 MEDLINE on STN

AN 2002647918 MEDLINE

DN 22295040 PubMed ID: 12391316

TI Pairs of dipeptides synergistically activate the binding of substrate by ubiquitin ligase through dissociation of its autoinhibitory domain.

AU Du Fangyong; Navarro-Garcia Federico; Xia Zanxian; Tasaki Takafumi; Varshavsky Alexander

CS Division of Biology, California Institute of Technology, Pasadena, CA 91125, USA.

NC DK39520 (NIDDK)

GM31530 (NIGMS)

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2002 Oct 29) 99 (22) 14110-5.

Journal code: 7505876. ISSN: 0027-8424.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200212

ED Entered STN: 20021031

Last Updated on STN: 20030105

Entered Medline: 20021209

L9 ANSWER 3 OF 5 MEDLINE on STN

AN 2002340681 MEDLINE

DN 22078802 PubMed ID: 12083004

TI Natural substrates of the proteasome and their recognition by the ubiquitin system.

AU Ulrich H D

CS Max Planck Institute for Terrestrial Microbiology, Department of Organismic Interactions, Karl-von-Frisch-Strasse, 35043 Marburg/Lahn, Germany.

SO CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (2002) 268 137-74. Ref: 226

Journal code: 0110513. ISSN: 0070-217X.

CY Germany: Germany, Federal Republic of

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, ACADEMIC)

LA English

FS Priority Journals

EM 200207

ED Entered STN: 20020627

Last Updated on STN: 20021217

Entered Medline: 20020722

L9 ANSWER 4 OF 5 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

AN 1999-04622 BIOTECHDS

TI Mouse and **human Ubri** cDNA;

recombinant Ubri protein production via vector-mediated gene transfer and expression in host cell for the detection of muscle wasting-inhibitor

AU Varshavsky A; Kwon Y T

PA California-Inst.Technol.

LO Pasadena, CA, USA.  
PI US 5861312 19 Jan 1999  
AI US 1997-982956 2 Dec 1997  
PRAI US 1997-982956 2 Dec 1997  
DT Patent  
LA English  
OS WPI: 1999-130395 [11]

L9 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 2  
AN 1998318583 MEDLINE  
DN 98318583 PubMed ID: 9653112  
TI The mouse and human genes encoding the recognition component of the N-end rule pathway.  
AU Kwon Y T; Reiss Y; Fried V A; Hershko A; Yoon J K; Gonda D K; Sangan P; Copeland N G; Jenkins N A; Varshavsky A  
CS Division of Biology, California Institute of Technology, Pasadena, CA 91125, USA.  
NC DK39520 (NIDDK)  
GM31530, (NIGMS)  
NS29542 (NINDS)  
+  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Jul 7) 95 (14) 7898-903.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF061555; GENBANK-AF061556  
EM 199808  
ED Entered STN: 19980817  
Last Updated on STN: 20021217  
Entered Medline: 19980806

=> s han, ?/au  
L10 127119 HAN, ?/AU

=> s l10 and ubiquitin  
L11 109 L10 AND UBIQUITIN

=> s l11 and human  
L12 44 L11 AND HUMAN

=> s kwak, ?/au  
L13 13113 KWAK, ?/AU

=> s l12 and l13  
L14 0 L12 AND L13

=> dup rem l12  
PROCESSING COMPLETED FOR L12  
L15 18 DUP REM L12 (26 DUPLICATES REMOVED)

=> d 1-10

L15 ANSWER 1 OF 18 MEDLINE on STN DUPLICATE 1  
AN 2003258494 MEDLINE  
DN 22668892 PubMed ID: 12783801  
TI lin-35/Rb and ubc-18, an E2 ubiquitin-conjugating enzyme, function redundantly to control pharyngeal morphogenesis in *C. elegans*.  
AU Fay David S; Large Edward; Han Min; Darland Monica  
CS Department of Molecular Biology, University of Wyoming, PO Box 3944, Laramie, WY 82071-3944, USA.. davidfay@uwyo.edu  
NC GM47869 (NIGMS)  
SO DEVELOPMENT, (2003 Jul) 130 (14) 3319-30.  
Journal code: 8701744. ISSN: 0950-1991.  
CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200308  
ED Entered STN: 20030605  
Last Updated on STN: 20030815  
Entered Medline: 20030814

L15 ANSWER 2 OF 18 MEDLINE on STN DUPLICATE 2  
AN 2003019221 MEDLINE  
DN 22413694 PubMed ID: 12525615  
TI Overlapping motifs (PTAP and PPEY) within the Ebola virus VP40 protein function independently as late budding domains: involvement of host proteins TSG101 and VPS-4.  
AU Licata Jillian M; Simpson-Holley Martha; Wright Nathan T; **Han Ziying**; Paragas Jason; Harty Ronald N  
CS Department of Pathobiology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pennsylvania 19104-6049, USA.  
NC AI007324 (NIAID)  
AI46499 (NIAID)  
SO JOURNAL OF VIROLOGY, (2003 Feb) 77 (3) 1812-9.  
Journal code: 0113724. ISSN: 0022-538X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200302  
ED Entered STN: 20030115  
Last Updated on STN: 20030212  
Entered Medline: 20030211

L15 ANSWER 3 OF 18 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2003-03842 BIOTECHDS  
TI The gene expression profiling of **human** visceral adipose tissue and its secretory functions; expression profiling using cDNA array useful for proteomics and tissue characterization  
AU YANG YS; SONG HD; LI RY; ZHOU LB; ZHU ZD; HU RM; **HAN ZG**; CHEN JL  
CS Shanghai Med Univ 2; Chinese Natl Human Genome Ctr  
LO Chen JL, Shanghai Med Univ 2, Shanghai Inst Endocrinol, Rui Jin Hosp, 197 Rui Jin Rd2, Shanghai 200025, Peoples R China  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS; (2003) 300, 4, 839-846 ISSN: 0006-291X  
DT Journal  
LA English

L15 ANSWER 4 OF 18 MEDLINE on STN  
AN 2003304819 MEDLINE  
DN 22716800 PubMed ID: 12819782  
TI Downregulation of FUSE-binding protein and c-myc by tRNA synthetase cofactor p38 is required for lung cell differentiation.  
AU Kim Min Jung; Park Bum-Joon; Kang Young-Sun; Kim Hyoung June; Park Jae-Hyun; Kang Jung Woo; Lee Sang Won; **Han Jung Min**; Lee Han-Woong; Kim Sunghoon  
CS National Creative Research Initiatives Center for ARS Network, College of Pharmacy, Seoul National University, Seoul 151-742, Korea.  
SO NATURE GENETICS, (2003 Jul) 34 (3) 330-6.  
Journal code: 9216904. ISSN: 1061-4036.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200308  
ED Entered STN: 20030701  
Last Updated on STN: 20030802  
Entered Medline: 20030801

L15 ANSWER 5 OF 18 MEDLINE on STN DUPLICAT

AN 2002279553 MEDLINE

DN 22013775 PubMed ID: 12019178

TI Expression of hypoxia-inducible factors in **human** renal cancer: relationship to angiogenesis and to the von Hippel-Lindau gene mutation.

AU Turner Kevin J; Moore John W; Jones Adam; Taylor Claire F; Cuthbert-Heavens Darren; **Han Cheng**; Leek Russell D; Gatter Kevin C; Maxwell Patrick H; Ratcliffe Peter J; Cranston David; Harris Adrian L

CS Imperial Cancer Research Fund Molecular Oncology Laboratory and Angiogenesis Group, Institute of Molecular Medicine, John Radcliffe Hospital, Oxford OX3 9DU, UK.

SO CANCER RESEARCH, (2002 May 15) 62 (10) 2957-61.

Journal code: 2984705R. ISSN: 0008-5472.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200207

ED Entered STN: 20020522  
Last Updated on STN: 20020712  
Entered Medline: 20020710

L15 ANSWER 6 OF 18 MEDLINE on STN DUPLICATE 4

AN 2002703250 MEDLINE

DN 22352506 PubMed ID: 12465058

TI Large French-Canadian family with Lewy body parkinsonism: exclusion of known loci.

AU Grimes David A; Grimes J David; Racacho Lem; Scoggan Kylie A; **Han Fabin**; Schwarz Betty Anne; Woulfe John; Bulman Dennise

CS Ottawa Health Research Institute, Ottawa, Canada..  
dagrimes@ottawahospital.on.ca

SO MOVEMENT DISORDERS, (2002 Nov) 17 (6) 1205-12.

Journal code: 8610688. ISSN: 0885-3185.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200303

ED Entered STN: 20021217  
Last Updated on STN: 20030325  
Entered Medline: 20030324

L15 ANSWER 7 OF 18 MEDLINE on STN

AN 2002153158 MEDLINE

DN 21844149 PubMed ID: 11854929

TI Morphometric evaluation of PGP9.5 and NCAM expressing nerve fibers in colonic muscle of patients with Hirschsprung's disease.

AU Oh Jung Tak; **Han Ai Ri**; Yang Woo Ick; **Han Seok Joo**; Choi Seung Hoon; Hwang Eui Ho

CS Department of Pediatric Surgery, Yonsei University College of Medicine, C.P.O. Box 8044, Seoul 120-752, Korea.

SO YONSEI MEDICAL JOURNAL, (2002 Feb) 43 (1) 31-6.

Journal code: 0414003. ISSN: 0513-5796.

CY Korea (South)

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200204

ED Entered STN: 20020312  
Last Updated on STN: 20020404  
Entered Medline: 20020402

L15 ANSWER 8 OF 18 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 5

AN 2002140053 EMBASE

TI Possible reasons for TP53 accumulation in nasopharyngeal carcinoma using atlas **human** cancer cDNA expression array.

AU Li H.; **Han W.-N.**; Zhang L.; Feng X.-L.; Yao K.-T.

CS K.-T. Yao, Cancer Research Institute, Xiangya Medical School, Central  
Southern University, Changsha 410078, China. klcarmh@public.cs.hn.cn  
SO Chinese Journal of Cancer Research, (2002) 14/1 (28-32).  
Refs: 15  
ISSN: 1000-9604 CODEN: CJCRFH  
CY China  
DT Journal; Article.  
FS 011 Otorhinolaryngology  
016 Cancer  
022 Human Genetics  
LA English  
SL English

L15 ANSWER 9 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:560101 BIOSIS  
DN PREV200100560101  
TI Exclusion of genetic linkage to known loci in a large French Canadian  
family with Lewy body parkinsonism.  
AU Scoggan, K. A. (1); Grimes, D. A. (1); Grimes, J. D.; Racacho, L. (1);  
**Han, F.** (1); Schwarz, B. A.; Woulfe, J.; Bulman, D. E. (1)  
CS (1) Molecular Medicine Program, Ottawa Health Research Institute, Ottawa,  
ON Canada  
SO American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4  
Supplement, pp. 513. print.  
Meeting Info.: 51st Annual Meeting of the American Society of Human  
Genetics San Diego, California, USA October 12-16, 2001  
ISSN: 0002-9297.  
DT Conference  
LA English  
SL English

L15 ANSWER 10 OF 18 HCPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:375859 HCPLUS  
DN 135:118421  
TI Low homologous protein structure prediction  
AU Ni, Li-Sheng; Mao, Feng-Lou; **Han, Yu-Zhen**; Lai, Lu-Hua  
CS College of Chemistry of Molecular Engineering, Institute of Physical  
Chemistry, State Key Laboratory of Structural Studies for Stable and  
Unstable Species, Peking University, Beijing, 100871, Peop. Rep. China  
SO Wuli Huaxue Xuebao (2001), 17(5), 389-392  
CODEN: WHXUEU; ISSN: 1000-6818  
PB Beijing Daxue Chubanshe  
DT Journal  
LA Chinese

=> d 11-18

L15 ANSWER 11 OF 18 HCPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:180037 HCPLUS  
DN 134:188994  
TI Protein and cDNA sequences for a novel **human ubiquitin**  
-conjugating enzyme-2 protein HUCE2 and expression and use thereof  
IN Li, Yuebin; Song, Huaidong; Gao, Guofeng; Chen, Zhu; **Han, Zheguang**  
PA South China Research Center, National Human Gene Group, Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 20 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1268564	A	20001004	CN 2000-111689	20000217
PRAI	CN 2000-111689		20000217		

L15 ANSWER 12 OF 18 MEDLINE on STN  
AN 2000243444 MEDLINE  
DN 20243444 PubMed ID: 10779463

TI Relationship between regional cardiac hyperinnervation and atricular arrhythmia.  
AU Cao J M; Fishbein M C; **Han J B**; Lai W W; Lai A C; Wu T J; Czer L; Wolf P L; Denton T A; Shintaku I P; Chen P S; Chen L S  
CS Division of Cardiology, University of California Los Angeles School of Medicine, 90027, USA.  
NC HL-52319 (NHLBI)  
SO CIRCULATION, (2000 Apr 25) 101 (16) 1960-9.  
Journal code: 0147763. ISSN: 1524-4539.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200005  
ED Entered STN: 20000525  
Last Updated on STN: 20010521  
Entered Medline: 20000512

L15 ANSWER 13 OF 18 MEDLINE on STN DUPLICATE 6  
AN 2001120312 MEDLINE  
DN 20574102 PubMed ID: 11124442  
TI Quantitative neurohistological features of frontotemporal degeneration.  
AU Arnold S E; **Han L Y**; Clark C M; Grossman M; Trojanowski J Q  
CS Department of Psychiatry, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania 19104, USA.. alveus@mail.med.upenn.edu  
NC AG09215 (NIA)  
AG10124 (NIA)  
MH55199 (NIMH)  
+  
SO NEUROBIOLOGY OF AGING, (2000 Nov-Dec) 21 (6) 913-9.  
Journal code: 8100437. ISSN: 0197-4580.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200102  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20010215

L15 ANSWER 14 OF 18 LIFESCI COPYRIGHT 2003 CSA on STN  
AN 2002:50912 LIFESCI  
TI Rapid communication: The ovine cDNA encoding interferon-stimulated gene product 17 (ISG17)  
AU Nighswonger, A.M.; Austin, K.J.; Ealy, A.D.; **Han, C.-S.**; Hansen, T.R.  
CS Department of Animal Science, University of Wyoming, Laramie, WY 82071, USA  
SO Journal of Animal Science [J. Anim. Sci.], (20000500) vol. 78, no. 5, [np].  
ISSN: 0021-8812.  
DT Journal  
FS G  
LA English  
SL English

L15 ANSWER 15 OF 18 MEDLINE on STN DUPLICATE 7  
AN 1999091616 MEDLINE  
DN 99091616 PubMed ID: 9873017  
TI Tumor necrosis factor-alpha-inducible IkappaBalph proteolysis mediated by cytosolic m-calpain. A mechanism parallel to the **ubiquitin**-proteasome pathway for nuclear factor-kappab activation.  
AU **Han Y**; Weinman S; Boldogh I; Walker R K; Brasier A R  
CS Department of Internal Medicine, University of Texas Medical Branch, Galveston, Texas 77555-1060, USA.  
NC NHLBI55630 (NHLBI)  
P30ES06676 (NIEHS)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jan 8) 274 (2) 787-94.

CY Journal code: 2985121R. I 0021-9258.  
United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199902  
ED Entered STN: 19990223  
Last Updated on STN: 20020919  
Entered Medline: 19990205

L15 ANSWER 16 OF 18 MEDLINE on STN DUPLICATE 8  
AN 95266948 MEDLINE  
DN 95266948 PubMed ID: 7748074  
TI Cortical Lewy bodies in Alzheimer's disease.  
AU Kazee A M; **Han L Y**  
CS Department of Pathology and Laboratory Medicine, University of Rochester,  
New York 14642, USA.  
NC AG08665-05 (NIA)  
SO ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE, (1995 May) 119 (5) 448-53.  
Journal code: 7607091. ISSN: 0003-9985.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199506  
ED Entered STN: 19950621  
Last Updated on STN: 19980206  
Entered Medline: 19950615

L15 ANSWER 17 OF 18 MEDLINE on STN  
AN 92152976 MEDLINE  
DN 92152976 PubMed ID: 1838471  
TI Altered cutaneous innervation in psoriatic skin as revealed by PGP 9.5  
immunohistochemistry.  
AU Johansson O; **Han S W**; Enhamre A  
CS Department of Histology and Neurobiology, Karolinska Institutet,  
Stockholm, Sweden.  
SO ARCHIVES OF DERMATOLOGICAL RESEARCH, (1991) 283 (8) 519-23.  
Journal code: 8000462. ISSN: 0340-3696.  
CY GERMANY: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199203  
ED Entered STN: 19920405  
Last Updated on STN: 19920405  
Entered Medline: 19920313

L15 ANSWER 18 OF 18 MEDLINE on STN DUPLICATE 9  
AN 85285980 MEDLINE  
DN 85285980 PubMed ID: 2993057  
TI N-epsilon-acetylation of porcine mature erythrocytes **ubiquitin**.  
AU Zhu D X; Xu L X; Zhu N Z; Briand G; **Han K K**  
SO INTERNATIONAL JOURNAL OF BIOCHEMISTRY, (1985) 17 (6) 719-21.  
Journal code: 0250365. ISSN: 0020-711X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198510  
ED Entered STN: 19900320  
Last Updated on STN: 19900320  
Entered Medline: 19851010

=> dis his

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 13:50:45 ON 26 SEP 2003

L1           28 S E3A (3A) UBIQUITIN  
L2           12 DUP REM L1 (16 DUPLICATES REMOVED)  
L3           26 S E3ALPHA (3A) UBIQUITIN  
L4           25 S L3 NOT L1  
L5           12 DUP REM L4 (13 DUPLICATES REMOVED)  
L6           281 S UBR1  
L7           16 S L6 (5A) HUMAN  
L8           14 S L7 NOT (L1 OR L3)  
L9           5 DUP REM L8 (9 DUPLICATES REMOVED)  
L10          127119 S HAN, ?/AU  
L11          109 S L10 AND UBIQUITIN  
L12          44 S L11 AND HUMAN  
L13          131113 S KWAK, ?/AU  
L14          0 S L12 AND L13  
L15          18 DUP REM L12 (26 DUPLICATES REMOVED)